AMENDMENT TO THE CLAIMS

1.   (Currently amended) An apparatus comprising:

a plurality of image capture devices, each of which is configured to capture images and to transmit captured images;

a node in communication with the image capture devices, in which the node is configured to:

receive the captured images;

store the captured image<u>s</u>;

associate each captured image with a respective <u>site</u> location based on its respective image capture device;

select at least one neuron;

transmit a first <u>one of the</u> captured image<u>s</u> to the at least one neuron;

receive a result from the at least one neuron;

determine whether the result indicates that a human is present in the first captured image;

select at least one additional neuron based on whether the result indicates that a human is present in the first captured image;

transmit the first captured image to the at least one additional neuron[[s]];

receive at least one additional result from the at least one additional neuron;

determine whether the at least one additional result indicates that a human is present in the first captured image;

determine an alarm condition based on the at least one additional result.

2.   (Currently amended) The apparatus of claim 1, in which at least one image capture device is configured to preprocess [[a]] captured images<u>.</u>

3.   (Original) The apparatus of claim 1, in which the node is further configured to preprocess at least some of the captured images.

4.   (Currently amended) The apparatus of claim 1, in which at least one image
capture device is configured to:

    detect motion; and

    capture an image in response to the detected motion.

5.   (Original) The apparatus of claim 1, in which the result received from the at least
one neuron is a one-bit indication of the result.

6.   (Currently amended) The apparatus of claim 1, in which the result received from
the at least one neuron indicates one of:

    the presence of a human in the first captured image,

    the absence of a human in the first captured image, and

    uncertainty as to whether there is a human present in the first captured image.

7.   (Currently amended) The apparatus of claim 1, in which the at least one neuron
has an associated weight, and in which the node is configured to select the at least one
additional neuron[[s]] based further on the weight of the at least one neuron.

8.   (Original) The apparatus of claim 1, in which the at least one neuron has an
associated weight, and in which the node is configured to determine an alarm condition
based further on the weight of the at least one neuron.

9.   (Currently amended) The apparatus of claim 1, in which each neuron has an
associated weight, and in which the node is configured to adjust the weights based on
~~based further on~~ the results.

10.   (Original) The apparatus of claim 1, further comprising:

    a layer analyzer which is configured to allocate the neurons to different layers,
based on respective weights of the neurons.

11.   (Currently amended) The apparatus of claim 1, in at least some of the image
capture device<u>s</u> are arranged to capture images from areas in which human activity is
desired to be substantially nonexistent

12.   (Currently amended) A method comprising:

    receiving ~~the~~ <u>a</u> captured image[[s]] from <u>each of</u> a plurality of image capture
devices;

    storing the captured image<u>s</u>;

    associating each captured image with a respective <u>site</u> location based on its
respective image capture device;

    selecting at least one neuron;

    transmitting a first <u>one of the</u> captured image<u>s</u> to the at least one neuron;

    receiving a result from the at least one neuron;

    determining whether the result indicates that a human is present in the first
captured image;

    selecting at least one additional neuron based on whether the result indicates that
a human is present in the first captured image;

    transmitting the first captured image to the at least one additional neuron[[s]];

    receiving at least one additional result from the at least one additional neuron;

    determining whether the at least one additional result indicates that a human is
present in the first captured image; and

    determining an alarm condition based on the at least one additional result.

13.   (Currently amended) The method of claim 1<u>2</u>, in which the result received from
the at least one <u>additional</u> neuron indicates one of<u>:</u>

    the presence of a human in the <u>first captured</u> image,

    the absence of a human in the <u>first captured</u> image, and

    uncertainty as to whether there is a human present in the <u>first captured</u> image.

14.   (Currently amended) The method of claim 1~~1~~2, in which each neuron has an associated weight, and in which the node is configured to adjust the weights based on ~~based further on~~ the results.

15.   (New) A method, comprising:

        receiving, from a first sensor associated with a first remote location, first sensed data;

        storing an indication of an association between the first sensed data and the first remote location;

        selecting, after the receiving, at least one neuron from a plurality of available neurons;

        sending the first sensed data to the selected at least one neuron;

        receiving, after the sending of the first sensed data to the selected at least one neuron, a result from the at least one neuron;

        determining that the result is indicative of a detection of a human presence in association with the first sensed data;

        selecting, after the determining that the result is indicative of a detection of a human presence in association with the first sensed data, at least one additional neuron from the plurality of available neurons;

        sending the first sensed data to the selected at least one additional neuron;

        receiving, after the sending of the first sensed data to the selected at least one additional neuron, an additional result from the at least one additional neuron;

        determining that the additional result is also indicative of a detection of a human presence in association with the first sensed data; and

        determining, based at least in part on the determining that the additional result is also indicative of a detection of a human presence in association with the first sensed data, an alarm condition.

16.   (New) The method of claim 15, wherein the first sensed data is received pursuant to a transmission of an indication of the first sensed data from the first sensor, and wherein the transmission is triggered by a detection of motion at the first remote location.

17.   (New) The method of claim 15, wherein the first sensor pre-processes the first sensed data by utilizing pre-processing software.

18.   (New) The method of claim 17, wherein the pre-processing software is configured based on a characteristic of the first remote location.

19.   (New) The method of claim 15, further comprising:

incorporating one or more of a digital watermark and a digital fingerprint into the first sensed data.

20.   (New) The method of claim 15, wherein selecting of the at least one neuron comprises:

determining a type of data associated with the first sensed data; and

selecting the at least one neuron from the plurality of available neurons based on a weight of the at least one neuron that is associated with the same type of data of the first sensed data.

21.   (New) The method of claim 20, wherein the type of data comprises one or more of (i) a type of image, (ii) a captured image, and (iii) audio data.

22.   (New) The method of claim 15, wherein the first sensed data comprises a first captured image.

23.   (New) The method of claim 15, wherein the first sensed data comprises a first sensed audio.

24.   (New) A method, comprising:

receiving an image from an image capture device, wherein the image is of an area in which human activity is desired to be substantially nonexistent;

receiving, after the receiving of the image from the image capture device, a first monitoring session initiation request from a first user and a second monitoring session initiation request from a second user;

receiving a first user identifier from the first user and a second user identifier from the second user;

verifying that the first user identifier corresponds to the first user and that the second user identifier corresponds to the second user;

providing, after the verifying, the image to the first and second users;

receiving, after the providing, a first response associated with the image from the first user and a second response associated with the image from a second user, wherein the first and second responses comprise indications that a human is present in the image;

determining an entity associated with the area; and

notifying the entity that a security breach may exist at the area.

25.   (New) A method, comprising:

registering a plurality of sites, wherein the registration of each site comprises receiving a request from an entity associated with one of the plurality of sites, the request comprising an indication that the entity desires to register the one of the plurality of sites to be monitored by a plurality of remote patrollers;

determining at least one security camera associated with each of the plurality of registered sites;

testing the plurality of security cameras;

providing, after the testing and to the plurality of remote patrollers, (i) an image captured by one of the plurality of cameras associated with the one of the plurality of sites, and (ii) a request for a binary determination associated with the image;

receiving the binary determination from each of the plurality of remote patrollers;

determining that at least one of the plurality of binary determinations indicates a positive result; and

triggering, based on the determining that the at least one of the plurality of binary determinations indicates the positive result, an alarm condition.

26.   (New) The method of claim 25, wherein the image captured by the one of the plurality of cameras associated with the one of the plurality of sites is provided to the plurality of remote patrollers as an image associated with a reel of a slot machine.

27.   (New) The method of claim 25, further comprising:

facilitating a conferring regarding the image amongst the plurality of remote patrollers.

28.   (New) The method of claim 27, wherein the facilitating comprises initiating one or more instant messaging sessions associated with the image.

29.   (New) The method of claim 25, wherein the binary determination comprises a determination of whether less than two people are present in the image.